

SENP5 Antibody

Catalog No: #33521

Package Size: #33521-1 50ul #33521-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

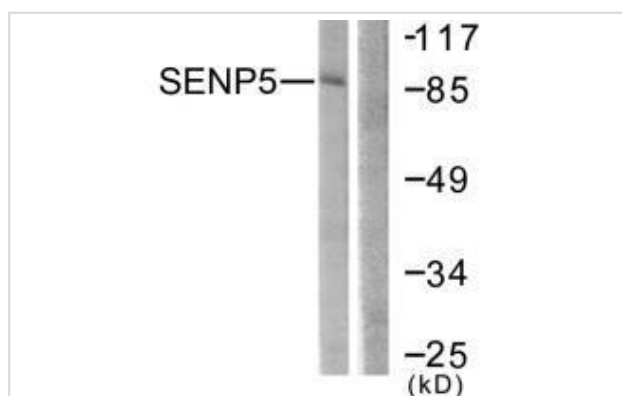
Product Name	SENP5 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total SENP5 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from Internal of human SENP5.
Target Name	SENP5
Other Names	EC 3.4.22.-; SUMO1/sentrin specific peptidase 5;
Accession No.	Swiss-Prot: Q96HI0NCBI Gene ID: 205564
Uniprot	Q96HI0
GeneID	205564;
SDS-PAGE MW	86kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

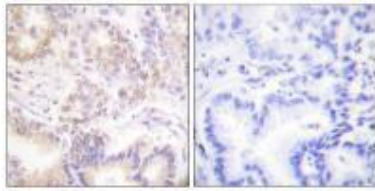
Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from COS7 cells, using SENP5 antibody #33521.

Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue using SENP5 antibody #33521.



Background

Protease that catalyzes two essential functions in the SUMO pathway: processing of full-length SUMO3 to its mature form and deconjugation of SUMO2 and SUMO3 from targeted proteins. Has weak proteolytic activity against full-length SUMO1 or SUMO1 conjugates. Required for cell division.

Alessandra Di Bacco, Mol. Cell. Biol., Jun 2006; 26: 4489 - 4498.

Thomas Colby, Plant Physiology, Sep 2006; 142: 318 - 332.

Pei-Zheng Zheng, PNAS, May 2005; 102: 7653 - 7658.

Rodolfo Zunino, J. Cell Sci., Apr 2007; 120: 1178 - 1188.

Note: This product is for in vitro research use only